

ER-2 #806 02/08/17

Aircraft:

[ER-2 #806 \(See full schedule\)](#)

Flight Number:

17-6019

Payload Configuration:

AVIRIS-C, MASTER, HyTES

Nav Data Collected:

Yes

Total Flight Time:

3.2 hours

Comments:

Comments: The K-Bay line over Coconut Island Oahu was again the priority. Takeoff at 0849; Landing at 1200 for a 3.2 hour mission. The pilot commented that it was really hard to see out of the cockpit with so many clouds. First Kauai line: 90% clouds; 2nd Kauai line: 100% clouds. The north end of the K-Bay line had 10% cloud cover; south end of line had 100% clouds. There was a high thin layer of clouds for most of the remainder of the flight. Molokai was clear beneath the high thin clouds. Maui had 50% low clouds. Big Island (line 28) was sky clear (0% clouds); L29: 5% clouds; L30: 0% clouds; L31: 0% clouds. Stu was RTB after this line. The instruments operated as expected. There was turbulence west of the Big Island. The coldest temp seen was -73 deg F. Stu said it was very cloudy/stormy over the Big Island volcanoes. Stu Broce was the pilot.

Submitted by:

Kevin Walsh on 02/09/17

Flight Segments:

From:	MCAS Kaneohe Bay, HI	To:	MCAS Kaneohe Bay, HI
Start:	02/08/17 18:49 Z	Finish:	02/08/17 22:00 Z
Flight Time:	3.2 hours		
Log Number:	172032	PI:	Robert Green
Funding Source:	Woody Turner - NASA - SMD - ESD Biological Diversity		
Purpose of Flight:	Science		
Comments:	The 9th science mission of the campaign was a coral-day flight around Kauai, Molokai, Maui, Oahu, and the Big Island.		

Flight Hour Summary:

	162013	172032
Flight Hours Approved in SOFRS	90	
Flight Hours Previously Approved		90
Total Used	0	65.3
Total Remaining		24.7

172032 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining
01/17/17 - 01/18/17	17-6010	Transit	6.8	6.8	83.2
01/19/17	17-6011	Science	3.2	10	80
01/26/17	17-6012	Science	2.4	12.4	77.6
01/27/17	17-6013	Science	2.1	14.5	75.5
01/27/17	17-6014	Science	3.9	18.4	71.6
01/29/17	17-6015	Science	2.6	21	69
02/02/17	17-6016	Science	3.5	24.5	65.5
02/03/17 - 02/04/17	17-6017	Science	4.8	29.3	60.7
02/07/17 - 02/08/17	17-6018	Science	2.1	31.4	58.6
02/08/17	17-6019	Science	3.2	34.6	55.4
02/09/17	17-6020	Science	3.6	38.2	51.8
02/10/17	17-6021	Science	2.8	41	49
02/12/17	17-6022	Science	0.6	41.6	48.4
02/21/17 - 02/22/17	17-6023	Science	5	46.6	43.4
02/22/17	17-6024	Science	2.7	49.3	40.7

02/23/17	17-6025	Science	3	52.3	37.7
02/24/17	17-6026	Science	5.4	57.7	32.3
03/03/17 - 03/04/17	17-6027	Transit	7.6	65.3	24.7

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